

AMENDMENTS TO THE SPECIFICATION:

Please replace the following numbered paragraphs with the following amended paragraphs:

[0001] This application is a divisional of and claims priority to Application Serial No. 09/833,798 filed April 13, 2001, and now U.S. Patent No. 6,773,412. This invention relates to the medical instruments for extracorporeal treatment of blood and user interfaces for such instruments. One embodiment of the invention relates to a user interface for medical instruments for Renal Replacement Therapy and Artificial Kidney therapies.

[0062] FIGURES 7 and 8 show two further sample screens of the LCD 127. Pictogram 601 shows a system with a detected blood leak into the ultrafiltrate line. This failure of the circuit is detected by the photometric blood leak detector. Because blood is detected in the ultrafiltrate line, the blood leak detector 602 on the pictogram is flashing. In addition, pictogram 603 shows the system has detected an occlusion in the blood infusion tubing between the blood pump and the return cannula in the vein in the patient's arm. The return bloodline 604 is flashing. Similarly, the pictogram may flash in alternating colors the infusion or withdrawal tubing to designate a location of a bloodline, where a leakage or occlusion of blood has been detected based on an analysis by the controller of pressure between the filter and infusion catheter or the filter and withdrawal catheter.

[0064] FIGURES 11 and 12 show a pictogram 801 of the system that detected a disconnection in the ultrafiltrate withdrawal line 802. A side view of the pump console is shown and the ultrafiltrate line is highlighted. Pictograph 803 of the system shows that there is a detected a jammed rotor of the blood pump 804. The pump element of the pictogram is highlighted and flashing.